

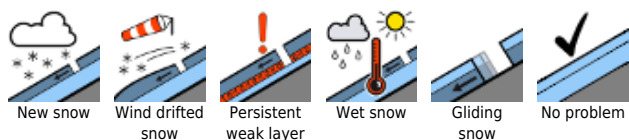
23.01.2022



Abundant fresh snow on northern flank of the Alps, massive snow transport

 forestline	Dachsteingebiet, Totes Gebirge, Ennstaler Alpen	 	 
 forestline	Hochschwabgebiet, Mürzsteger Alpen, Eisenerzer Alpen	 	 
 forestline	Schladminger Tauern Nord, Nördliche Wölzer Tauern, Rottenmanner Tauern, Schladminger Tauern Süd, Südliche Wölzer Tauern, Seckauer Tauern	 	 
 timberline	Gurktaler Alpen, Seetaler Alpen	 	 
 timberline	Östliche Fischbacher Alpen und Wechselgebiet	 	
 timberline	Mürztaler Alpen, Westliche Fischbacher Alpen und Grazer Bergland, Stub- und Gleinalpe, Koralpe	 	

Avalanche problems



Danger ratings



Expositions



23.01.2022

Dachsteingebiet, Totes Gebirge, Ennstaler Alpen



Abundant new snow and drifts. Naturally triggered avalanches still likely.

On Sunday, extremely unfavorable conditions. Due to abundant amounts of new snow and storm-strength winds, avalanche danger is still high. Triggering a slab avalanche on steep slopes in all aspects is likely even by minimum additional loading. Often poor visibility make assessment difficult on-site. Also naturally triggered releases of medium-to-large sized avalanches cannot be ruled out, which could sweep along deeper layers.

Snowpack structure

The snowpack layering is quite unfavourable. Atop a generally melt-freeze encrusted surface up to 50 cm of fresh cold and loose snow was deposited on Thursday night. As a result of the further snowfall forecast for Saturday night, more heavy snow will land atop this layer in all aspects and it will become increasingly prone to triggering. Summits, crests and ridges will become windblown, the snowdrifts will be deposited even below the treeline.

Weather

The Eastern Alps are caught in a classic northern barrier cloud situation: due to stormy NW winds moist-cold air masses have reached the northern flank of the Alps since Friday, focus on northern Styria. The snowfall will persist overnight, in the course of the day on Sunday they will slowly ease and move to the eastern rim of the Alps. The peaks are shrouded in fog, some sunshine peeks through, particularly in the Dachstein region. The stormy winds will not ease much, the snowfall level will ascend to 500 m. Around midday, temperatures will reach -7 degrees at 2000 m; -4 degrees at 1500 m.

Outlook

The snowpack will slowly settle, avalanche danger will slowly recede.

Avalanche problems



Danger ratings



Expositions



23.01.2022

Hochschwabgebiet, Mürzsteiger Alpen, Eisenerzer Alpen 



More fresh snow and snowdrifts - HIGH avalanche danger

On Sunday, extremely unfavorable conditions prevail. Due to abundant amounts of new snow and storm-strength winds, avalanche danger is still high. Triggering a slab avalanche on steep slopes in all aspects is likely even by minimum additional loading. Often poor visibility make assessment difficult on-site. Also naturally triggered releases of medium-to-large sized avalanches cannot be ruled out, which could sweep along deeper layers.

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Avalanche problems




Danger ratings



Expositions



23.01.2022

Schladminger Tauern Nord, Nördliche Wölzer Tauern, 
 Rottenmanner Tauern, Schladminger Tauern Süd,
 Südliche Wölzer Tauern, Seckauer Tauern



Fresh snowdrifts esp. on east and south-facing slopes - CONSIDERABLE avalanche danger

On Sunday, extremely unfavorable conditions prevail. Due to abundant amounts of new snow and storm-strength winds, avalanche danger is still high. Triggering a slab avalanche on steep slopes in all aspects is likely even by minimum additional loading. Often poor visibility make assessment difficult on-site. Also naturally triggered releases of medium-to-large sized avalanches cannot be ruled out, which could sweep along deeper layers.

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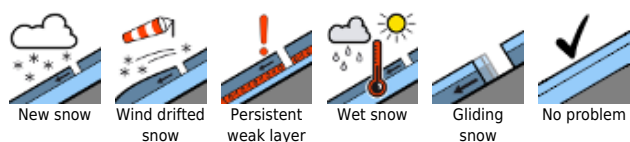
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Avalanche problems



Danger ratings

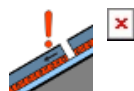


Expositions



23.01.2022

Gurktaler Alpen, Seetaler Alpen 



in schattigen Lagen und hochalpin

Fresh snowdrifts due to storm-strength winds

The focus lies in the regions where snowfall has been heaviest, in the regions of northern Upper Styria. But the fresh snowdrifts on the southern flank of the Alps should not be overlooked which formed with the ongoing influence of storm-strength NW winds. These can be triggered even by minimum additional loading on E/S facing slopes. Thus, avalanche danger above the treeline is moderate.

Snowpack structure

Some drifts have been deposited in high altitude zones atop a hardened snowpack surface which is partly covered with surface hoar. The old snowpack beneath this has settled well. Only in shady terrain at high altitudes are there still faceted crystals embedded around the melt-freeze crusts, which weakens the snowpack. Otherwise the snowpack is hardened and icy.

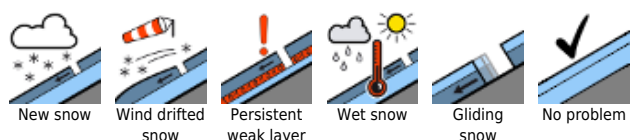
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Outlook

Little change in the current avalanche danger levels

Avalanche problems



Danger ratings



Expositions



23.01.2022

Östliche Fischbacher Alpen und Wechselgebiet 



Heed fresh snowdrifts

In the eastern Fischbacher Alps, moderate avalanche danger prevails above the treeline. Steep slopes require caution, where new snow and wind impact permit new snowdrift accumulations to be generated. These patches can trigger a small slab avalanche.

Snowpack structure

Between Koralpe and Wechsel region the amounts of new snow are minor. On Sunday in the Fischbacher Alps and on the Gleinalpe a few centimetres will be added to this. Due to permanently strong-velocity winds, the plateaus are becoming windblown, on leeward slopes new drifts can be accumulated which then blanket the softer layers or surface hoar.

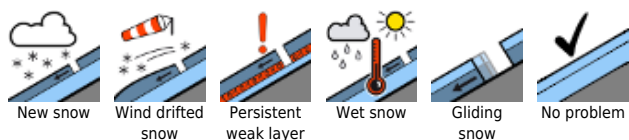
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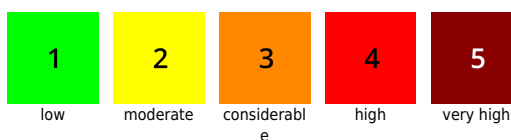
Outlook

Little change in the current avalanche danger levels

Avalanche problems




Danger ratings



Expositions



23.01.2022

Mürztaler Alpen, Westliche Fischbacher Alpen und Grazer Bergland, Stub- und Gleinalpe, Koralpe 



Heed fresh snowdrifts

From Koralpe to the western Fischbacher Alps, low avalanche danger prevails. Nevertheless, at high altitudes the new snow and wind-impact can generate new snowdrift accumulations which could trigger a small slab avalanche.

Snowpack structure

Between Koralpe and Wechsel region the amounts of new snow are minor. On Sunday in the Fischbacher Alps and on the Gleinalpe a few centimetres will be added to this. Due to permanently strong-velocity winds, the plateaus are becoming windblown, on leeward slopes new drifts can be accumulated which then blanket the softer layers or surface hoar.

Weather

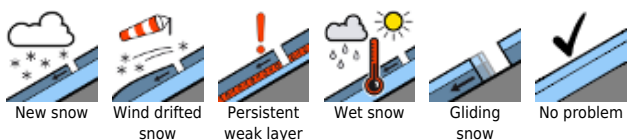
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Outlook

Little change in the current avalanche danger levels

Translated by Jeffrey McCabe, www.creativtrans.com

Avalanche problems



Danger ratings



Expositions

